Manual Radio Call Points
HFM/153-27D, HM/152-27D

- **Manual call points for different applications**
- **High range of radio transmission**
- **2 frequency bands (868MHz and 434MHz)**
- **Fault message when door is opened**
- **Case according to EN 54-11/B**
- **Communication with radio interface FUIF511-27D**

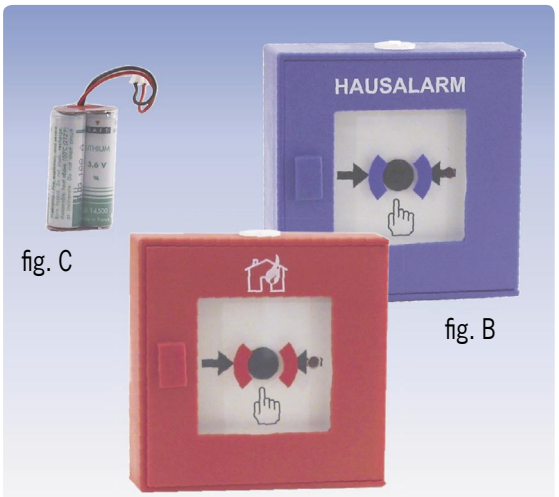

fig. C

fig. B

fig. A

Description

The red Manual Call Point HFM/153-27D (fig. A) and the blue Manual Call Point HM/152-27D with lettering „HAUSALARM“ (fig. B) communicate with the RF Interface FUIF511-27D via a secured radio protocol. The plastic case, which is designed in accordance with EN 54-11/B, is provided with an integrated antenna and accommodates the 3.6V lithium battery.

4 data channels in the frequency band 868MHz as well as 20 channels in the frequency band 434MHz are available for the bidirectional data transmission. The availability of the channel is checked regularly. During the learning phase of the detector, i.e., when the detector is registered at the radio interface, a unique key, based on a choice of several million codes, is created, which allows the unambiguous identification of the detector. Regular status messages, monitoring of the battery voltage and the long life of the included batteries ensure the high reliability of the system.

A built-in LED optically indicates the activated condition of the detector. The hinged door can be opened up to an angle of 180° and it is provided with a replaceable pane of glass. If the detector has been activated, an integrated locking device prevents the closing of the door. When the door is opened, the detector sends a fault message to the radio interface.

Specifications

Operating voltage	3.6V (lithium battery, battery life approx. 1.5 years)
Ambient temperature	0°C to +60°C
Dimensions W × H × D	125 × 125 × 37 (mm)
Range of radio transmission (free air)	400m
Frequency band	868MHz or 434MHz

VdS

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Manual call point red	
Colour	flame red, RAL 3000
Approval	VdS G204014
Order number	245020
Order name	Manual Call Point/Red/RF HFM/153-27D

Manual call point blue „HAUSALARM“	
Colour	blue
Approval	VdS G105508
Order number	245021
Order name	Manual Call Point/Blue/RF HM/152-27D

Lithium battery	
Order number	310021
Order name	Lithium Battery 3.6V/2.2Ah

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